

Practical Assignment – 2

1. Write a Dart Program to read any five no's and print the average value.
2. Write a Dart Program to find out all no's divisible by 5 and 7 between 1 to 100.
3. Write a Dart Program to find the sum of digits of a given no.
E.g. $123 = 1 + 2 + 3 = 6$
4. Write a Dart Program to find out the total no's of odd digits within the given no and prints the no of all odd digits.
E.g.: $1215 \Rightarrow$ Total Odd digits = 3 Sum of Odd digits = $1 + 1 + 5 = 7$
5. Write a Dart Program to reverse a given number. E.g. $123 \Rightarrow 321$
6. Write a Dart Program to find out the sum of first and last digit of a given no.
E.g.: $12456 \Rightarrow$ Sum of first and Last digit = $1 + 6 = 7$
7. Write a Dart Program to find out the largest digit of a given no.
E.g.: $123456 \Rightarrow$ largest digit is 6
8. Write a Dart Program to find out Armstrong no's between 1 to 1000.
E.g. $\Rightarrow 153 \Rightarrow 1^3 + 5^3 + 3^3 = 153$
9. Write a Dart Program to check whether a given no is prime or not.
E.g. $\Rightarrow 7 \Rightarrow$ is a prime no
10. Write a Dart Program to calculate sum from 1 to N.

11. W.A.P to display the following patterns for size n:

<pre> * * * * * * * * * * </pre>	<pre> 1 1 2 1 2 3 1 2 3 4 </pre>	<pre> * * * * * * * * * * </pre>	<pre> 1 1 2 1 2 3 1 2 3 4 </pre>
<pre> 4 3 2 1 3 2 1 2 1 1 </pre>	<pre> 1 2 3 4 1 2 3 1 2 1 </pre>	<pre> 1 2 1 3 2 1 4 3 2 1 </pre>	<pre> 1 2 2 3 3 3 4 4 4 4 </pre>
<pre> 4 3 3 2 2 2 1 1 1 1 </pre>	<pre> A A B A B C A B C D </pre>	<pre> * * * * * * * * * * </pre>	<pre> A A C E A C E G I A C E A </pre>
<pre> * * * * * * * * * * * * * * * * </pre>	<pre> * * * * * * * * * * * * * * </pre>		